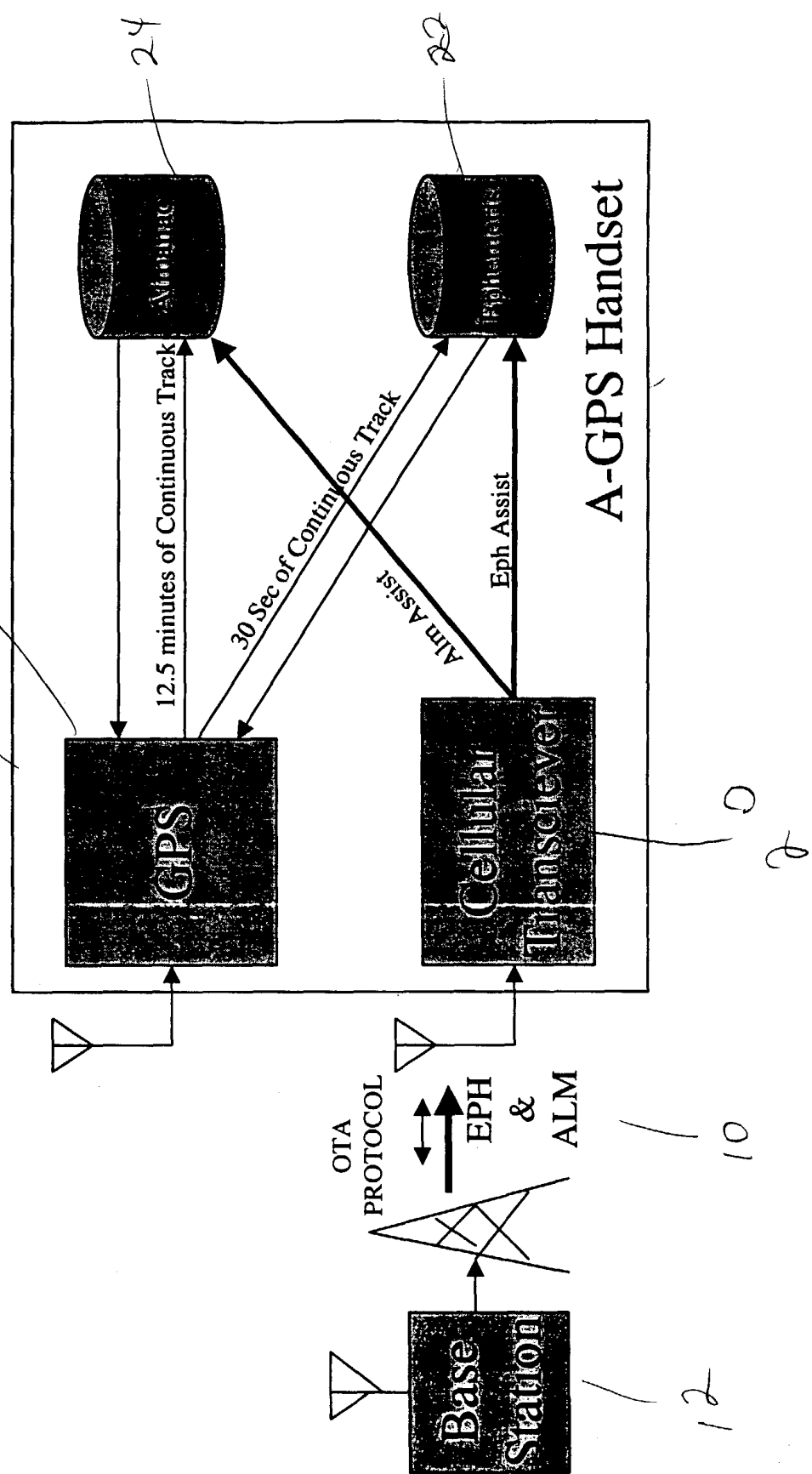


FIG. 1

Prior Art



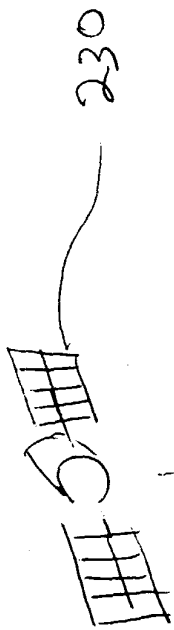
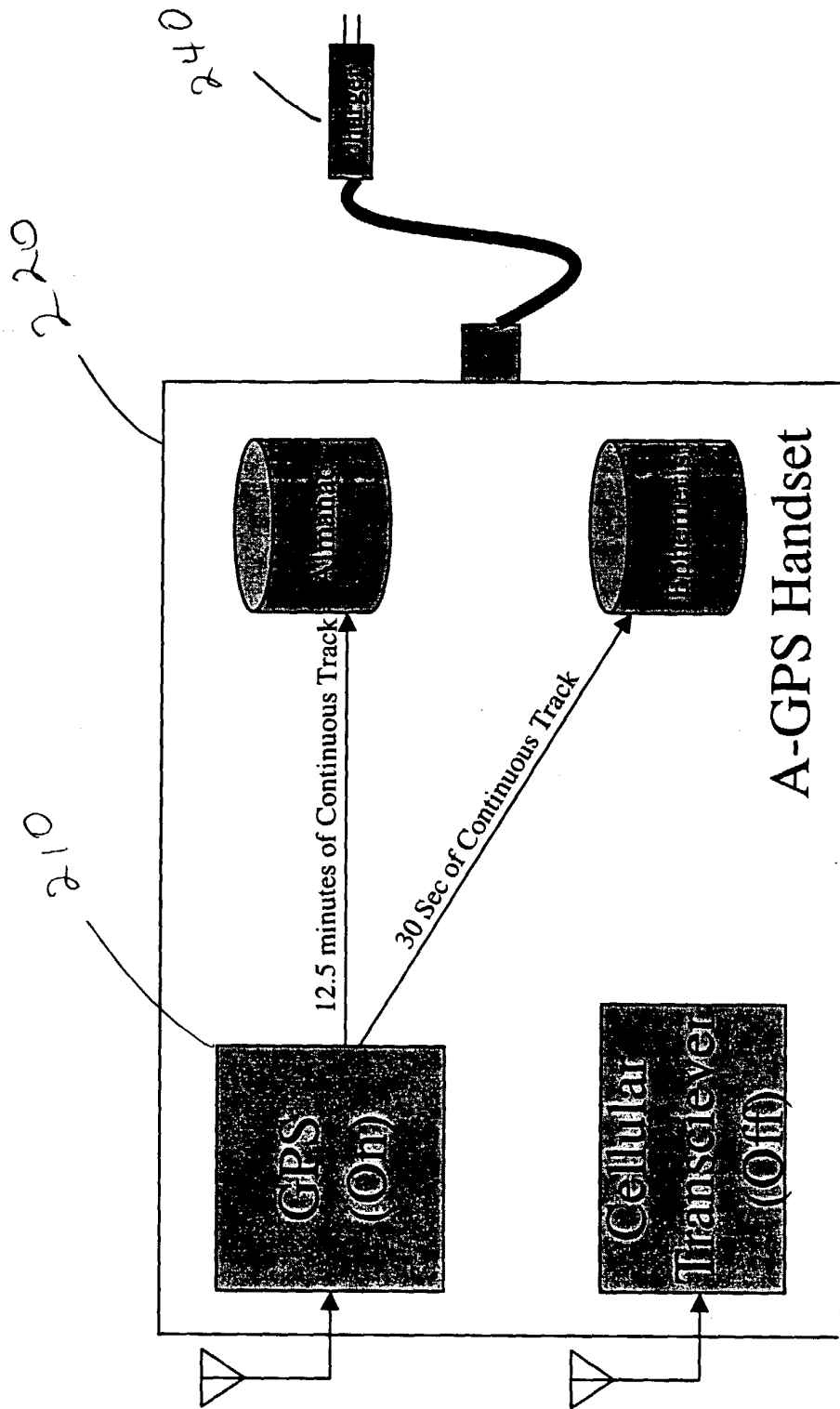


Fig 2



300

FIG 3

310

CONNECTED TO  
EXTERNAL  
POWER  
?

NO

YES

320

RECEIVE SATELLITE  
NAVIGATION  
INFORMATION

330

STORE SATELLITE  
NAVIGATION INFORMATION

340

BATTERY  
RE-CONNECTED  
?

NO

350

DOWNLOAD  
COMPLETE  
?

YES

END

NO

360

CONDITION  
SATISFIED  
?

YES

COMPLETE  
DOWNLOAD

380

370

END DOWNLOAD

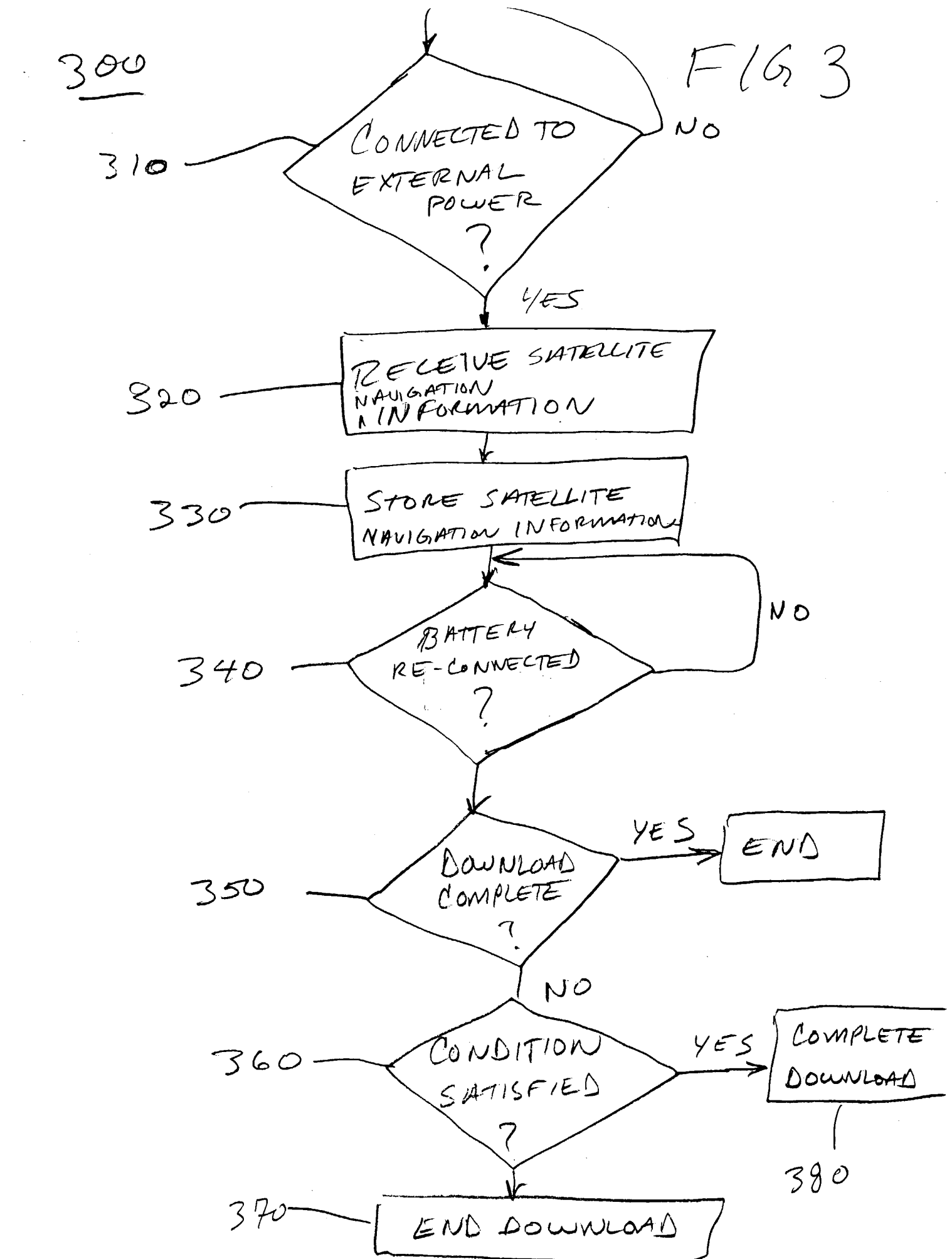


FIG 4

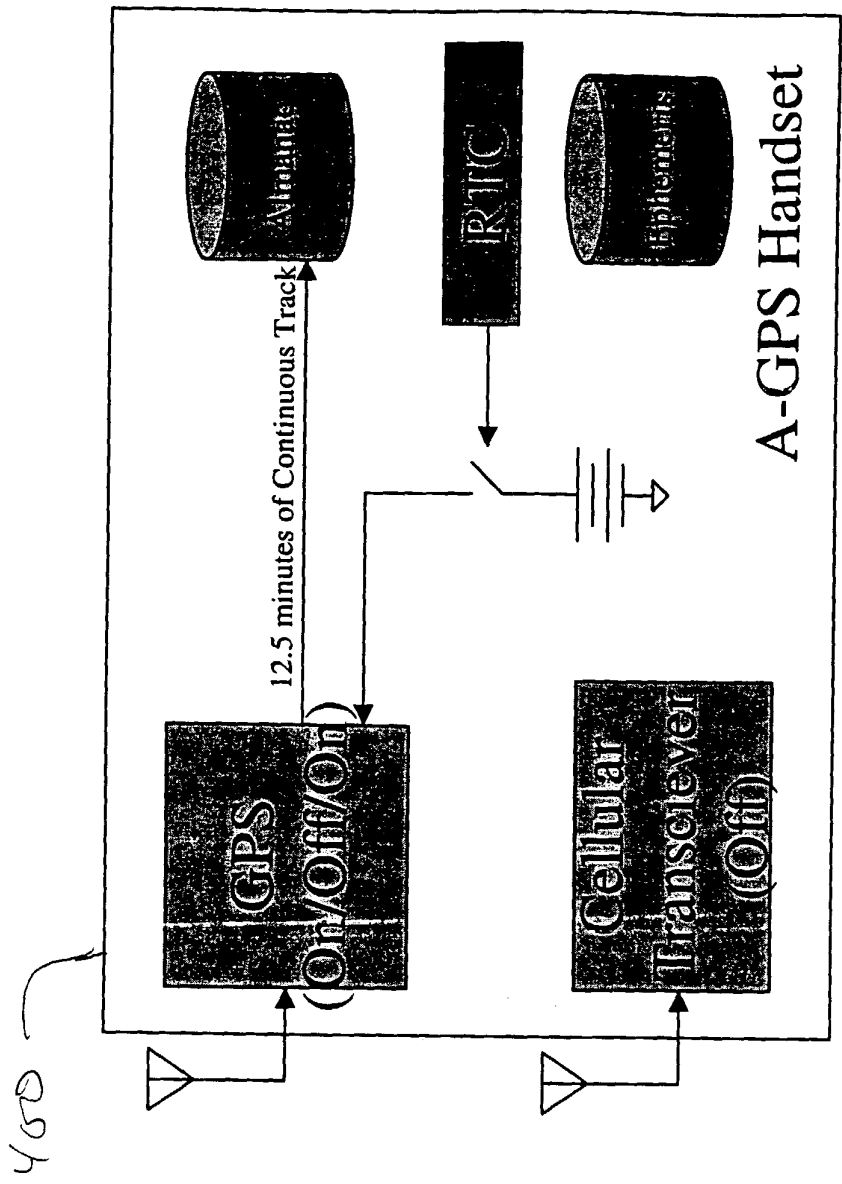
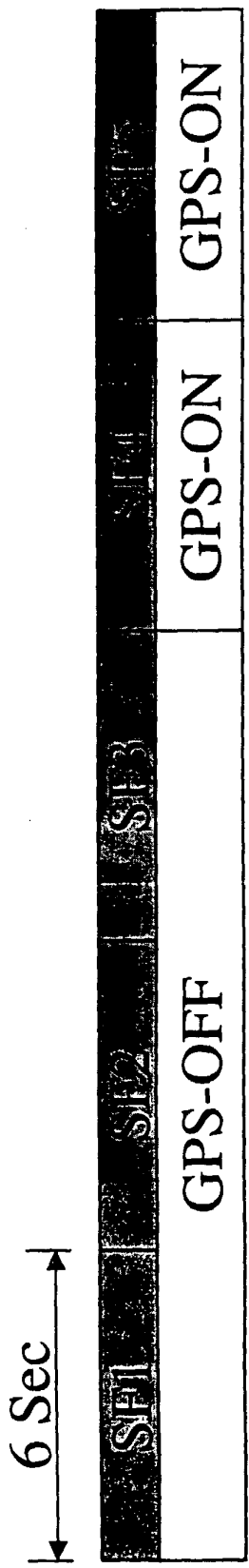


FIG 5



F166

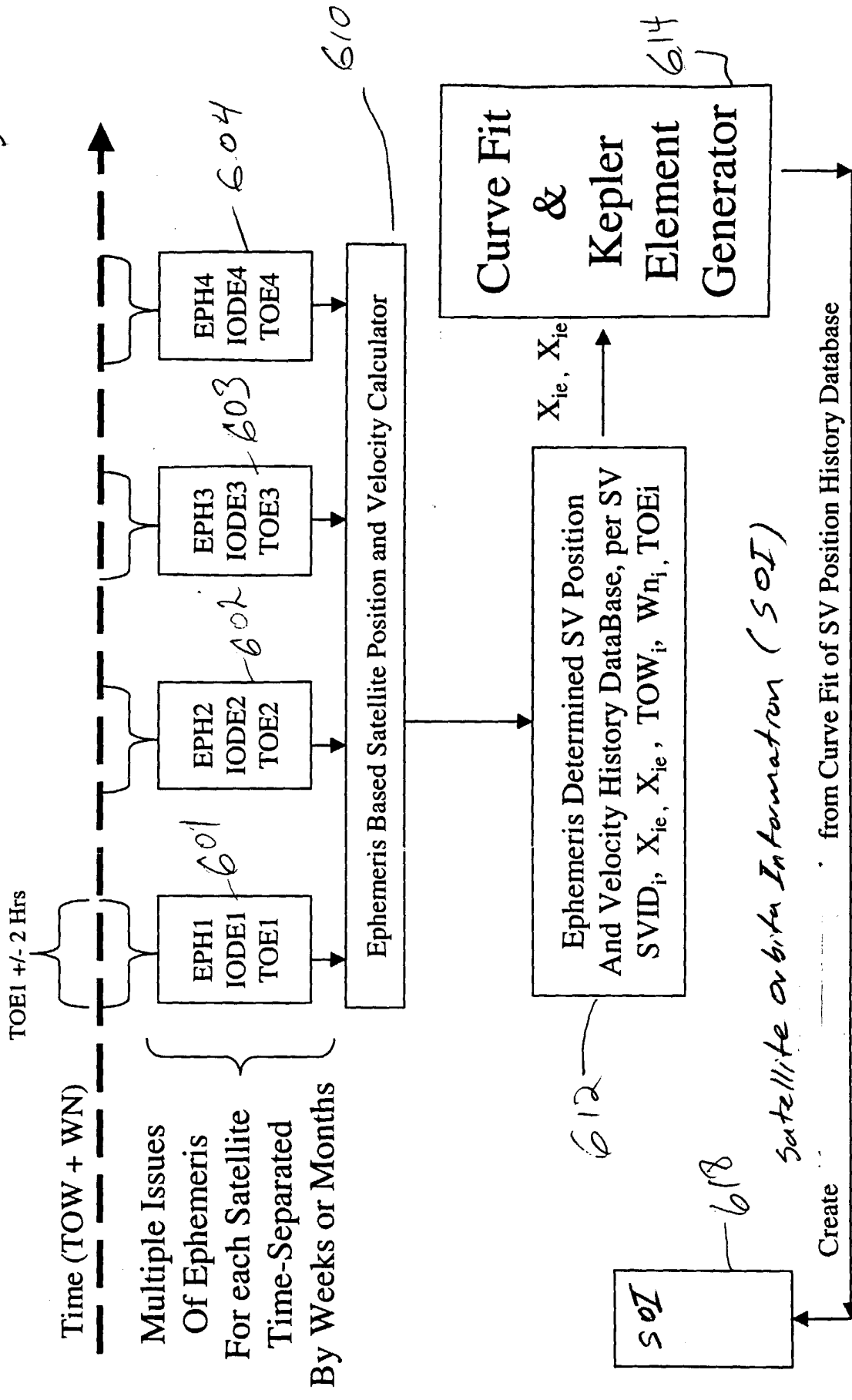
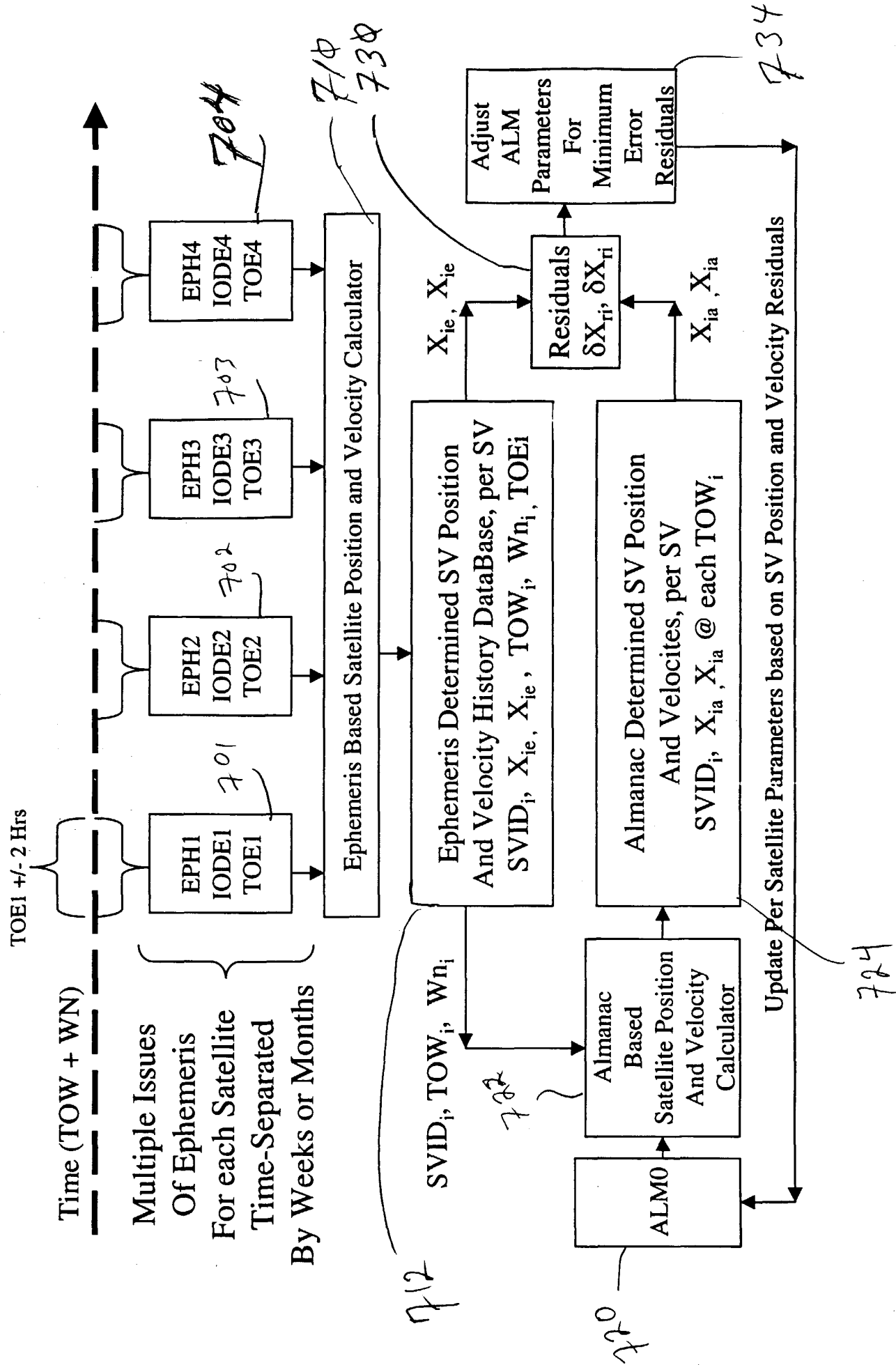


Fig 7



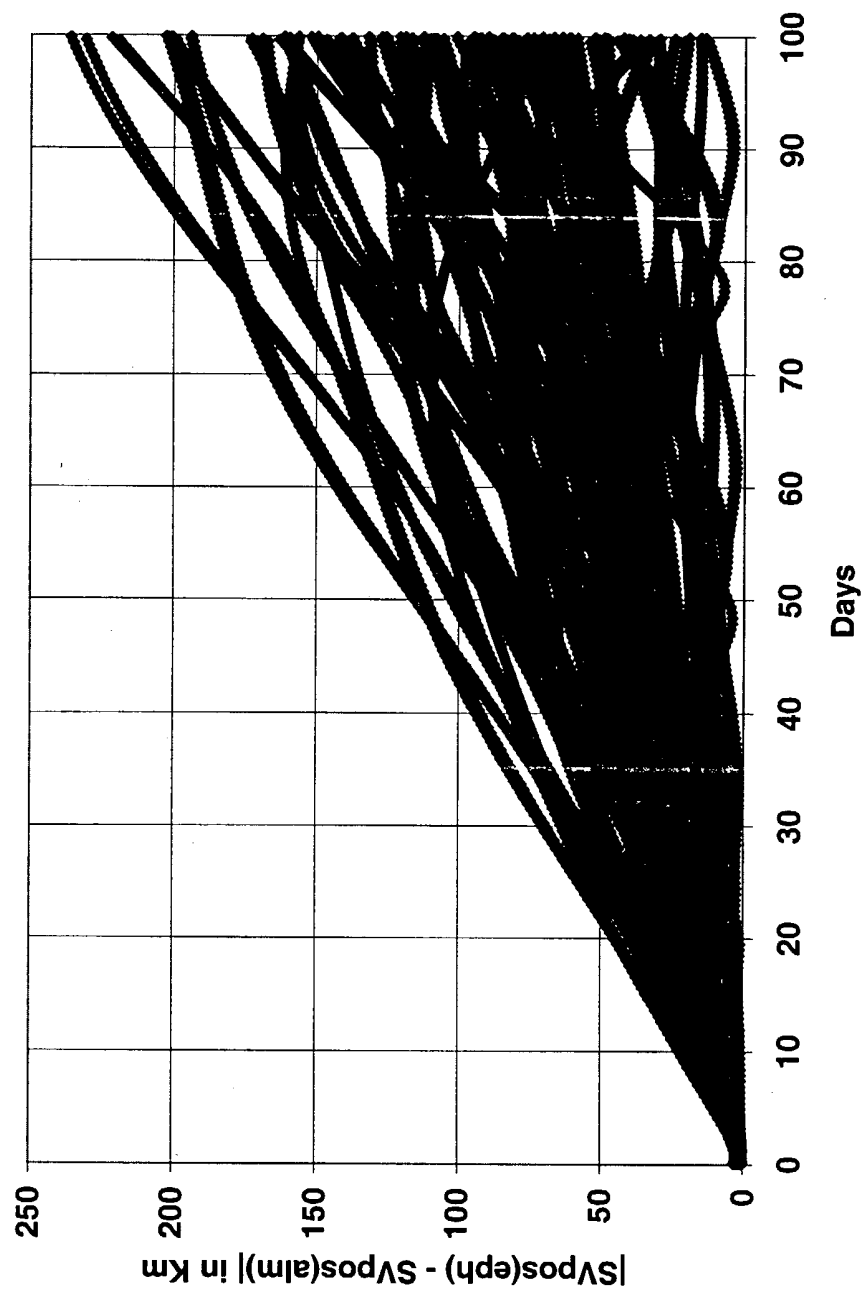


FIG. 8

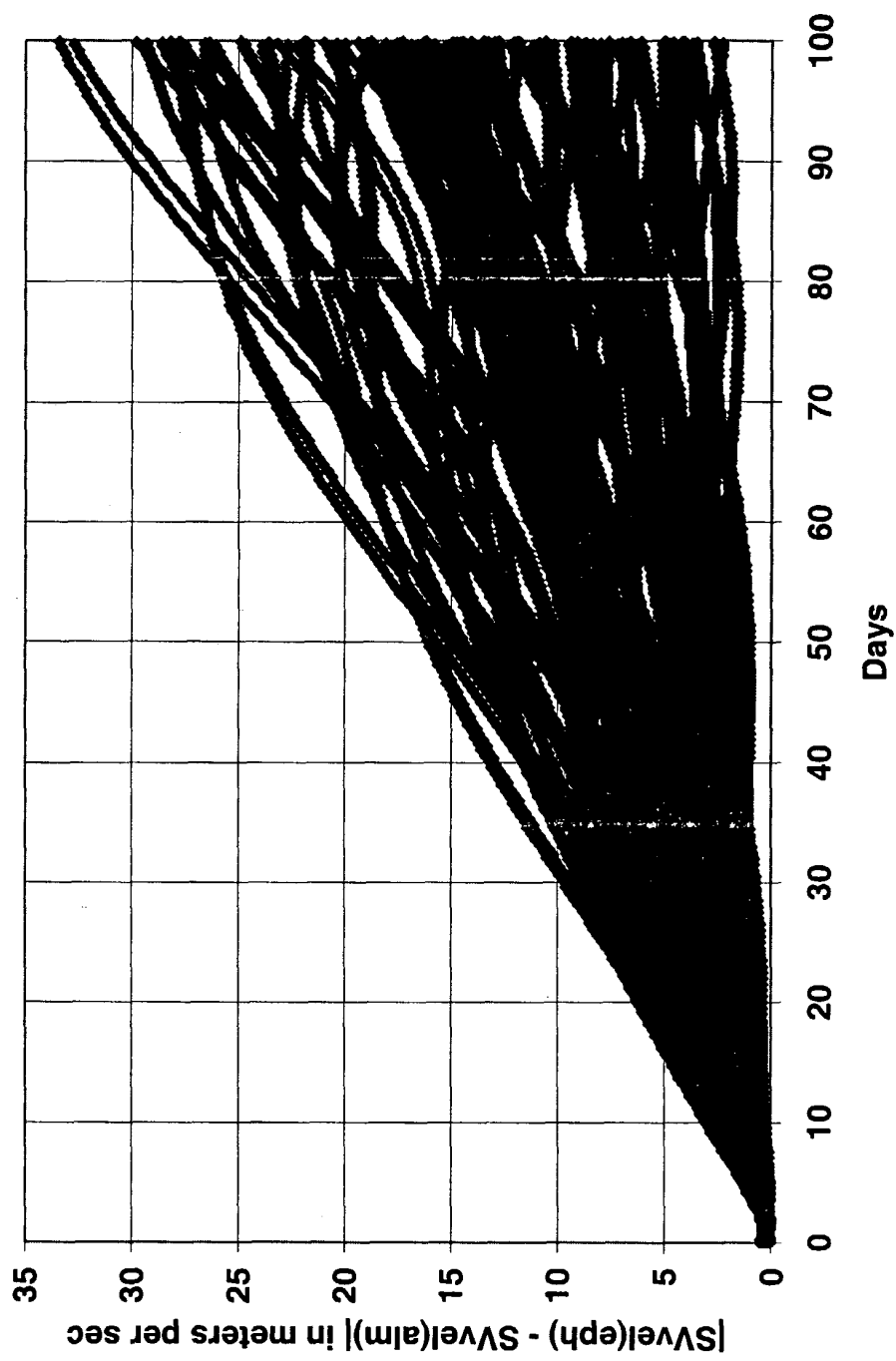
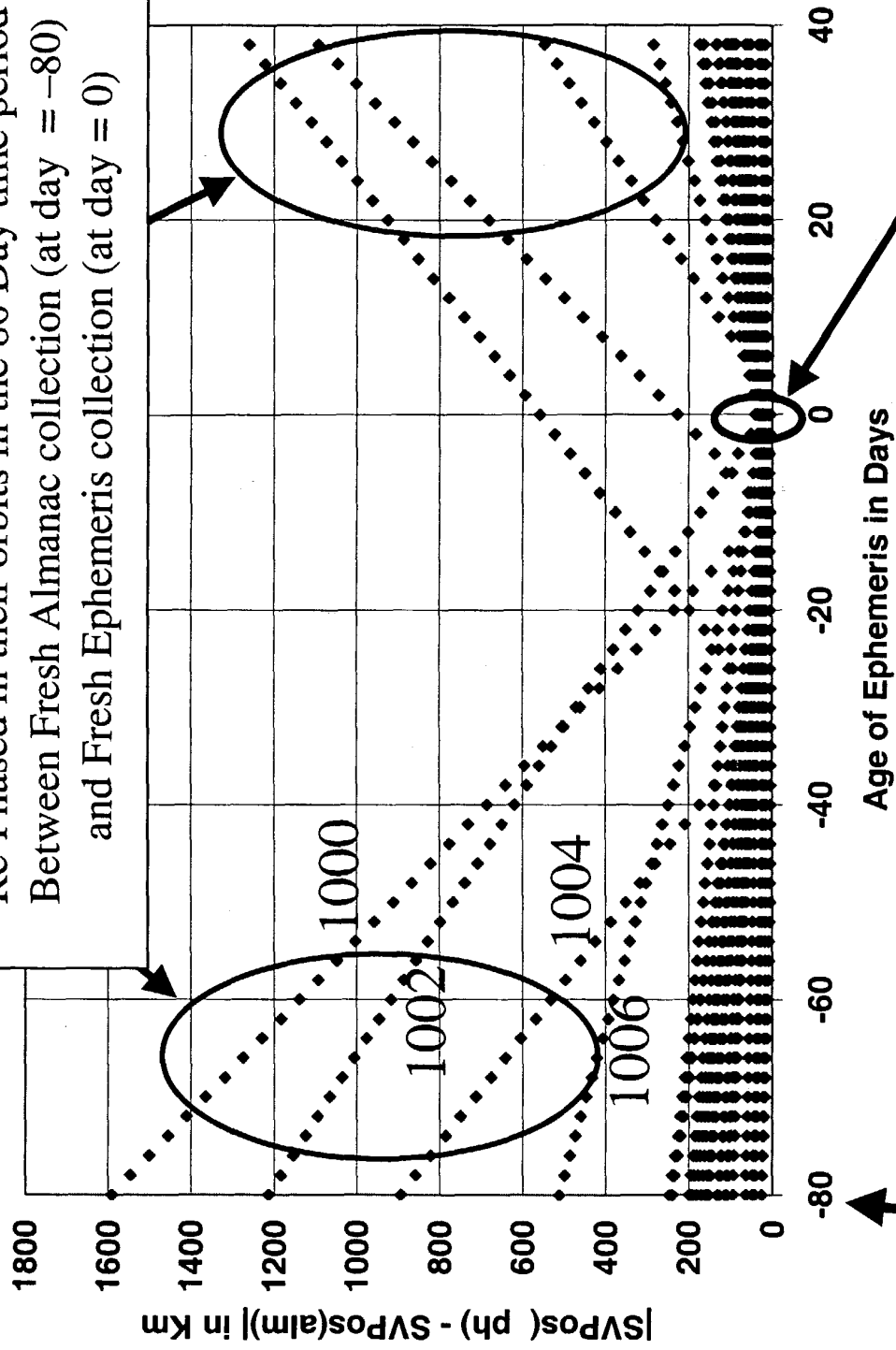


FIG. 9



Fig. 10



Satellites with > 200 Km Difference Have Been Re-Phased in their orbits in the 80 Day time period Between Fresh Almanac collection (at day = -80) and Fresh Ephemeris collection (at day = 0)

Eph Most Accurate, Alm Error < 40 Km after 80 days

Almanac Fresh At This Time

FIG. 11

